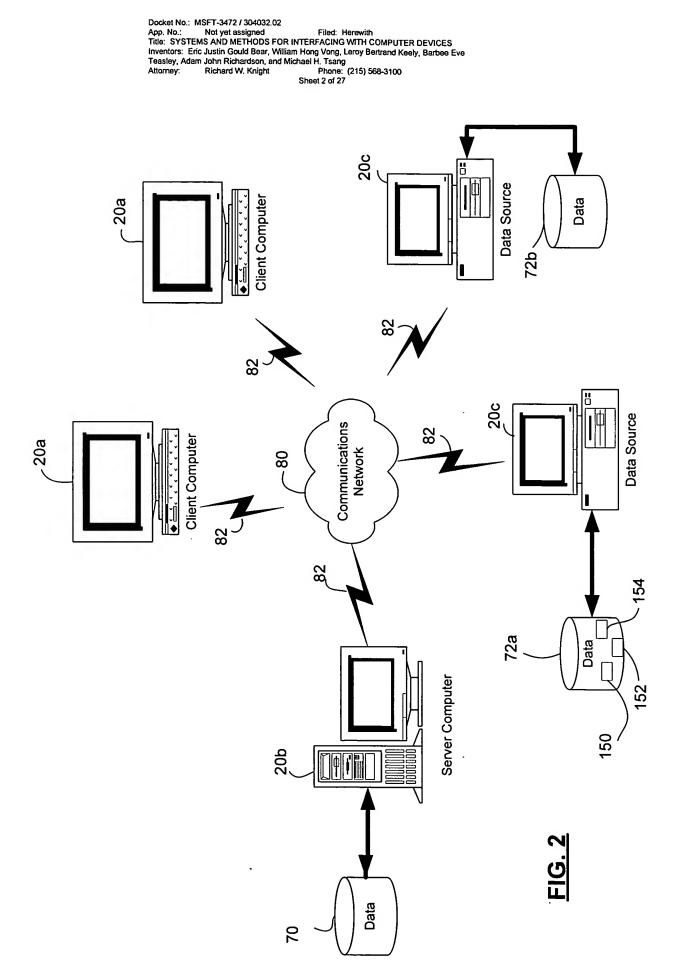
Docket No.: MSFT-3472 / 304032.02

App. No.: Not yet assigned Filed: Herewith
Title: SYSTEMS AND METHODS FOR INTERFACING WITH COMPUTER DEVICES
Inventors: Eric Justin Gould Bear, William Hong Vong, Leroy Bertrand Keely, Barbee Eve
Teasley, Adam John Richardson, and Michael H. Tsang
Attomey: Richard W. Knight Phone: (215) 568-3100

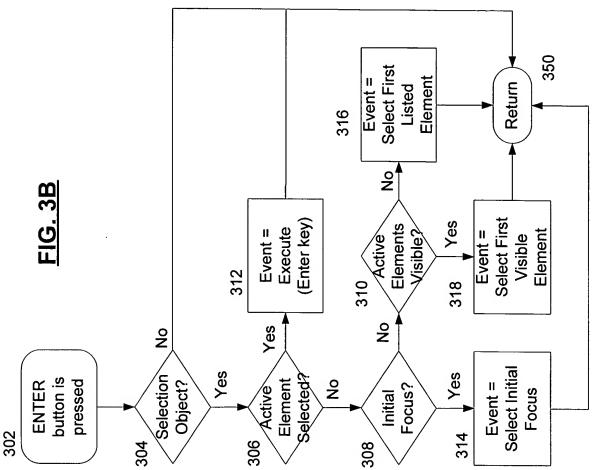
Sheet 1 of 27 Remote Computer(s) **LAN 51** Floppy Drive 50 Storage Device Monitor 47 62 Network I/F 53 Applications 36' WAN 52 Modem 54 Keyboard 40 SCSI Bus 56 Serial Port I/F 46 System Bus 23 Mouse 42 Host Adapter Optical Drive I/F Optical Drive 30 55 Removable Storage 29 Magnetic Disk Drive I/F 33 Computer 20 Video Adapter Floppy Drive 28 48 Data 38 rogram Hard Disk Drive I/F 32 Processing Unit Hard Drive 27 21 Progs. 37 36 System Memory APPLICATION PROGRAMS 36 OTHER PROGRAMS 37 Apps. PROGRAM DATA 38 BIOS 26 (ROM 24) (RAM 25) **OS 35 OS 35**

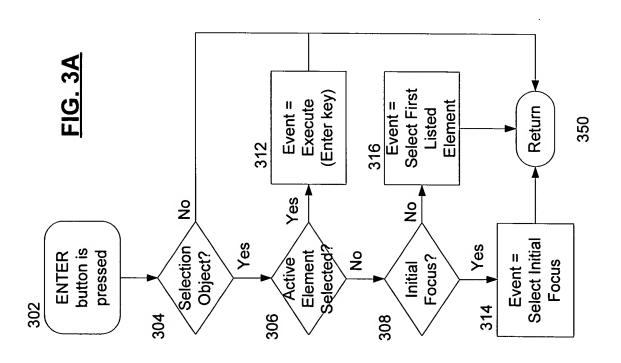


Docket No.: MSFT-3472 / 304032.02

App. No.: Not yet assigned Filed: Herewith
Title: SYSTEMS AND METHODS FOR INTERFACING WITH COMPUTER DEVICES Treasley, Adam John Richardson, and Michael H. Tsang
Attorney: Richard W. Knight Phone: (215) 568-3100
Sheet 3 of 27





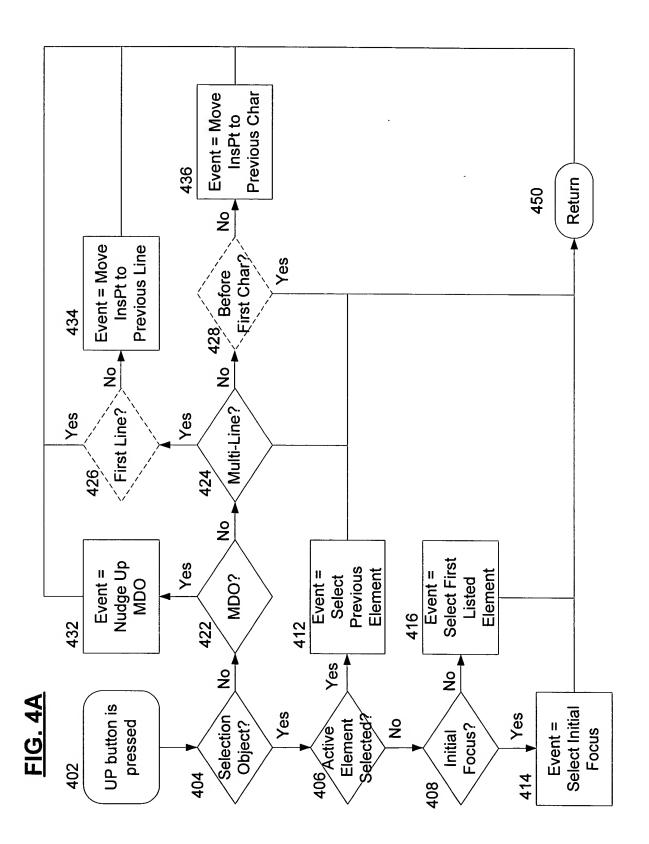


Docket No.: MSFT-3472 / 304032.02

App. No.: Not yet assigned Filed: Herewith

Title: SYSTEMS AND METHODS FOR INTERFACING WITH COMPUTER DEVICES Inventors: Eric Justin Gould Bear, William Hong Vong, Leroy Bertrand Keely, Barbee Eve Teasley, Adam John Richardson, and Michael H. Tsang Attorney: Richard W. Knight Phone: (215) 568-3100

Sheet 4 of 27

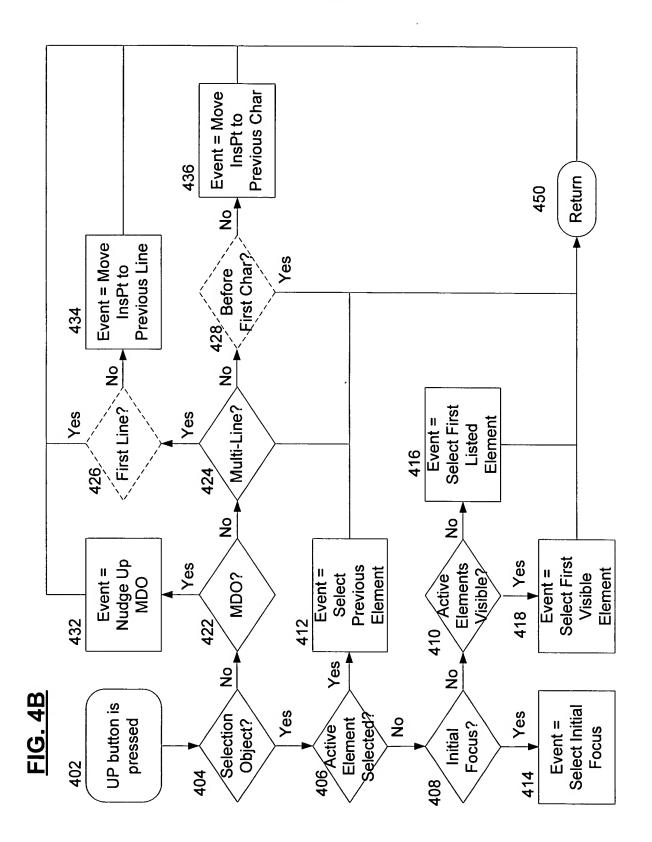


Docket No.: MSFT-3472 / 304032.02

App. No.: Not yet assigned Filed: Herewith

Title: SYSTEMS AND METHODS FOR INTERFACING WITH COMPUTER DEVICES Inventors: Eric Justin Gould Bear, William Hong Vong, Leroy Bertrand Keely, Barbee Eve Teasley, Adam John Richardson, and Michael H. Tsang Attorney: Richard W. Knight Phone: (215) 568-3100

Sheet 5 of 27

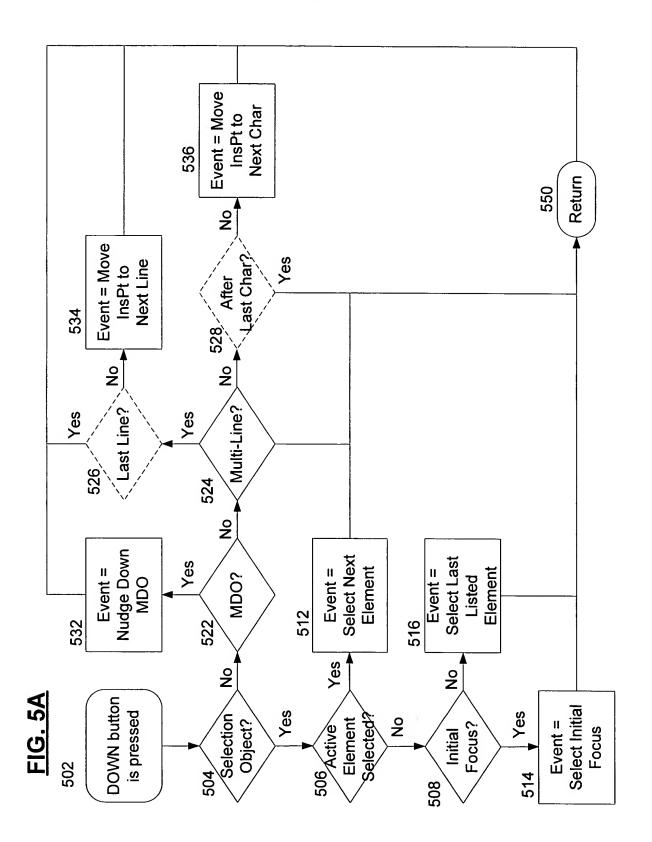


Docket No.: MSFT-3472 / 304032.02

App. No.: Not yet assigned Filed: Herewith

Title: SYSTEMS AND METHODS FOR INTERFACING WITH COMPUTER DEVICES Inventors: Eric Justin Gould Bear, William Hong Vong, Leroy Bertrand Keely, Barbee Eve Teasley, Adam John Richardson, and Michael H. Tsang Attorney: Richard W. Knight Phone: (215) 568-3100

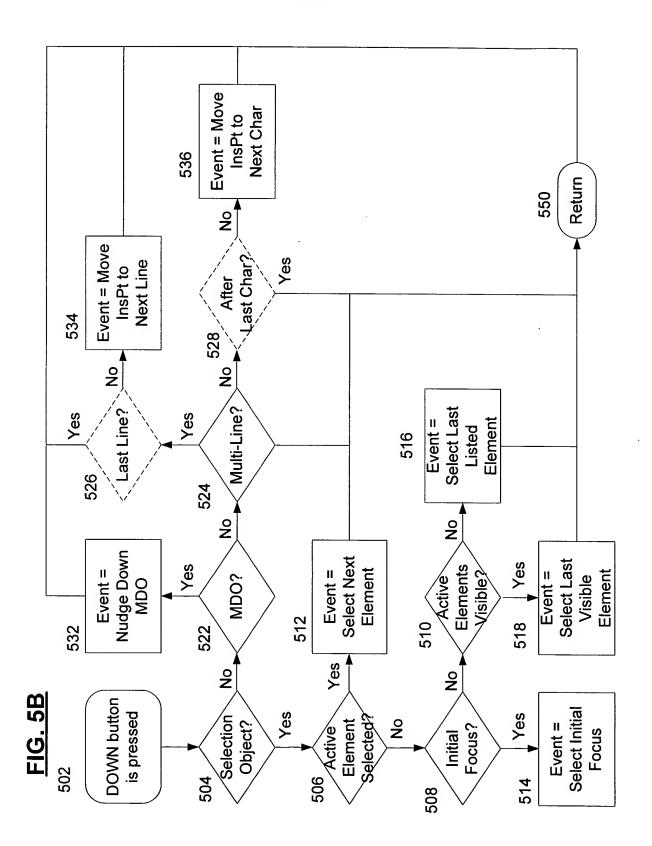
Sheet 6 of 27



Docket No.: MSFT-3472 / 304032.02

App. No.: Not yet assigned Filed: Herewith

Title: SYSTEMS AND METHODS FOR INTERFACING WITH COMPUTER DEVICES Treasley, Adam John Richardson, and Michael H. Tsang
Attorney: Richard W. Knight Phone: (215) 568-3100
Sheet 7 of 27

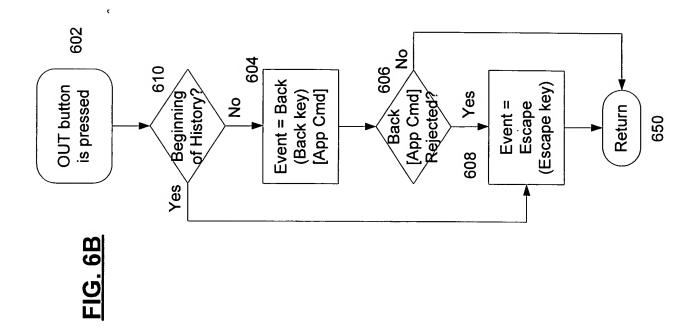


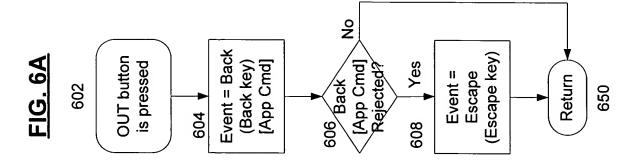
Docket No.: MSFT-3472 / 304032.02

Docket No.: MSFT-3472 / 304032.02

App. No.: Not yet assigned Filed: Herewith
Title: SYSTEMS AND METHODS FOR INTERFACING WITH COMPUTER DEVICES
Inventors: Eric Justin Gould Bear, William Hong Vong, Leroy Bertrand Keely, Barbee Eve
Teasley, Adam John Richardson, and Michael H. Tsang
Attorney: Richard W. Knight Phone: (215) 568-3100

Sheet 8 of 27

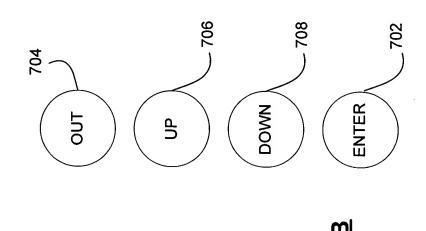


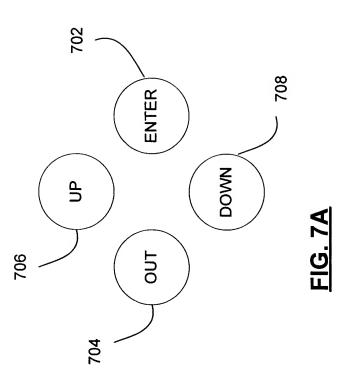


Docket No.: MSFT-3472 / 304032.02

App. No.: Not yet assigned Filed: Herewith
Title: SYSTEMS AND METHODS FOR INTERFACING WITH COMPUTER DEVICES
Inventors: Eric Justin Gould Bear, William Hong Vong, Leroy Bertrand Keely, Barbee Eve
Teasley, Adam John Richardson, and Michael H. Tsang
Attorney: Richard W. Knight Phone: (215) 568-3100

Sheet 9 of 27





Docket No.: MSFT-3472 / 304032.02

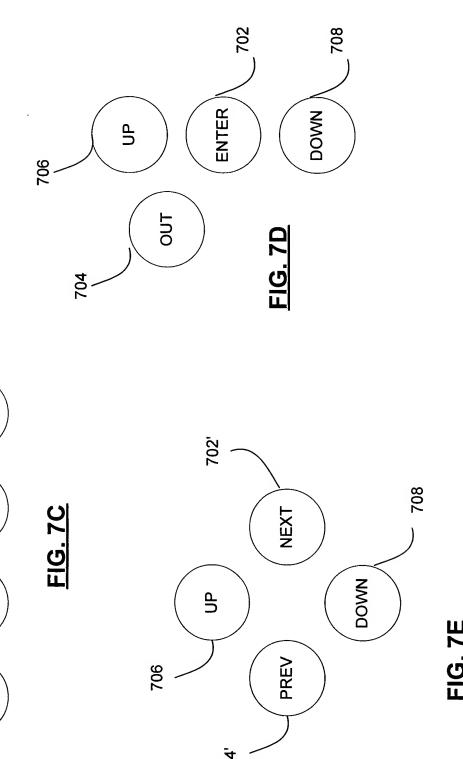
App. No.: Not yet assigned Filed: Herewith
Title: SYSTEMS AND METHODS FOR INTERFACING WITH COMPUTER DEVICES
Inventors: Eric Justin Gould Bear, William Hong Vong, Lerry Bertrand Keely, Barbee Eve
Teasley, Adam John Richardson, and Michael H. Tsang
Attorney: Richard W. Knight Phone: (215) 568-3100

Sheet 10 of 27

ENTER

DOWN

DU



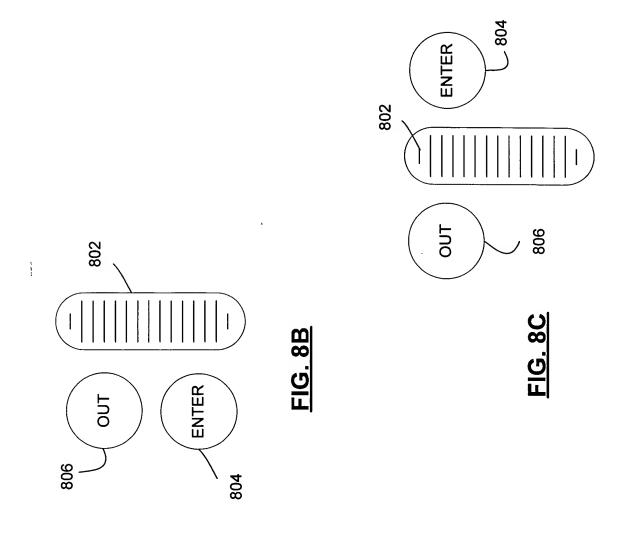
Docket No.: MSFT-3472 / 304032.02

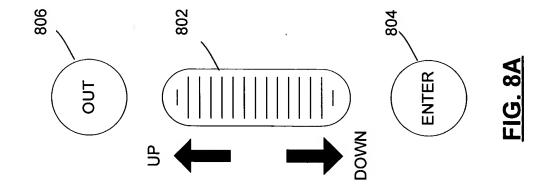
App. No.: Not yet assigned Filed: Herewith

Title: SYSTEMS AND METHODS FOR INTERFACING WITH COMPUTER DEVICES
Inventors: Eric Justin Gould Bear, William Hong Vong, Leroy Bertrand Keely, Barbee Eve
Teasley, Adam John Richardson, and Michael H. Tsang

Attorney: Richard W. Knight Phone: (215) 568-3100

Sheet 11 of 27

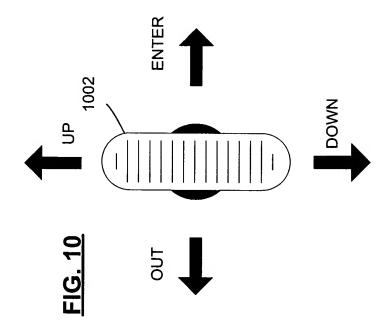


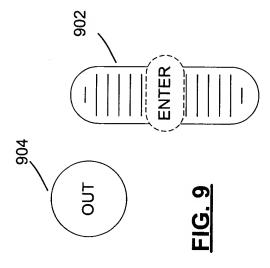


Docket No.: MSFT-3472 / 304032.02

App. No.: Not yet assigned Filed: Herewith
Title: SYSTEMS AND METHODS FOR INTERFACING WITH COMPUTER DEVICES
Inventors: Eric Justin Gould Bear, William Hong Vong, Leroy Bertrand Keely, Barbee Eve
Teasley, Adam John Richardson, and Michael H. Tsang
Attomey: Richard W. Knight Phone: (215) 568-3100

Sheet 12 of 27

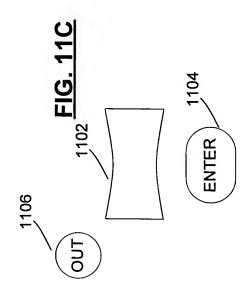


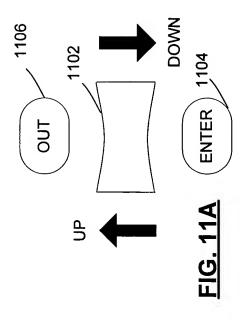


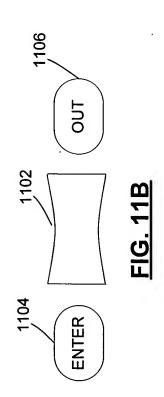
Docket No.: MSFT-3472 / 304032.02

App. No.: Not yet assigned Filed: Herewith
Title: SYSTEMS AND METHODS FOR INTERFACING WITH COMPUTER DEVICES
Inventors: Eric Justin Gould Bear, William Hong Vong, Leroy Bertrand Keety, Barbee Eve
Teasley, Adam John Richardson, and Michael H. Tsang
Attorney: Richard W. Knight Phone:-(215) 568-3100

Sheet 13 of 27







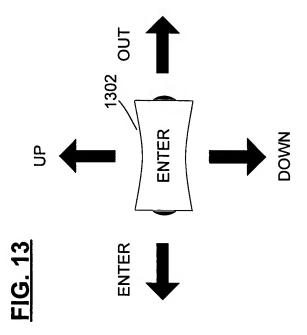
Docket No.: MSFT-3472 / 304032.02

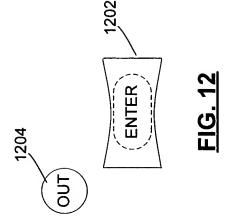
App. No.: Not yet assigned Filed: Herewith

Title: SYSTEMS AND METHODS FOR INTERFACING WITH COMPUTER DEVICES
Inventors: Eric Justin Gould Bear, William Hong Vong, Leroy Bertrand Keely, Barbee Eve
Teasley, Adam John Richardson, and Michael H. Tsang

Attorney: Richard W. Knight Phone: (215) 568-3100

Sheet 14 of 27

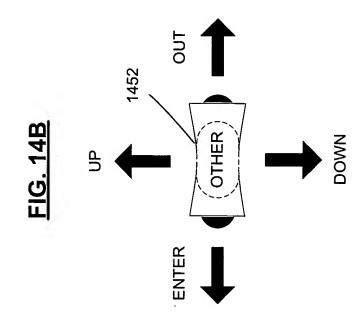


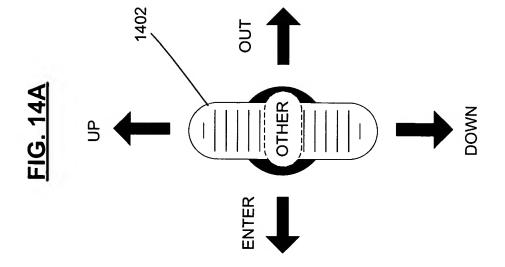


Docket No.: MSFT-3472 / 304032.02

App. No.: Not yet assigned Filed: Herewith
Title: SYSTEMS AND METHODS FOR INTERFACING WITH COMPUTER DEVICES
Inventors: Eric Justin Gould Bear, William Hong Vong, Leroy Bertrand Keely, Barbee Eve
Teasley, Adam John Richardson, and Michael H. Tsang
Attorney: Richard W. Knight Phone: (215) 558-3100

Sheet 15 of 27





Docket No.: MSFT-3472 / 304032.02

App. No.: Not yet assigned Filed: Herewith

Title: SYSTEMS AND METHODS FOR INTERFACING WITH COMPUTER DEVICES
Inventors: Eric Justin Gould Bear, William Hong Vong, Leroy Bertrand Keely, Barbee Eve
Teasley, Adam John Richardson, and Michael H. Tsang
Attorney: Richard W. Knight Phone: (215) 568-3100

Sheet 16 of 27 1504 1516 ENTER ⋖ $\mathbf{\omega}$ 1514 1504 1506 1508 1510 ENTER \triangleleft $\mathbf{\omega}$ S Ω

Docket No.: MSFT-3472 / 304032.02

App. No.: Not yet assigned Filed: Herewith
Title: SYSTEMS AND METHODS FOR INTERFACING WITH COMPUTER DEVICES
Inventors: Eric Justin Gould Bear, William Hong Vong, Leroy Bertrand Keely, Barbee Eve
Teasley, Adam John Richardson, and Michael H. Tsang
Attomey: Richard W. Knight Phone: (215) 568-3100

Sheet 17 of 27

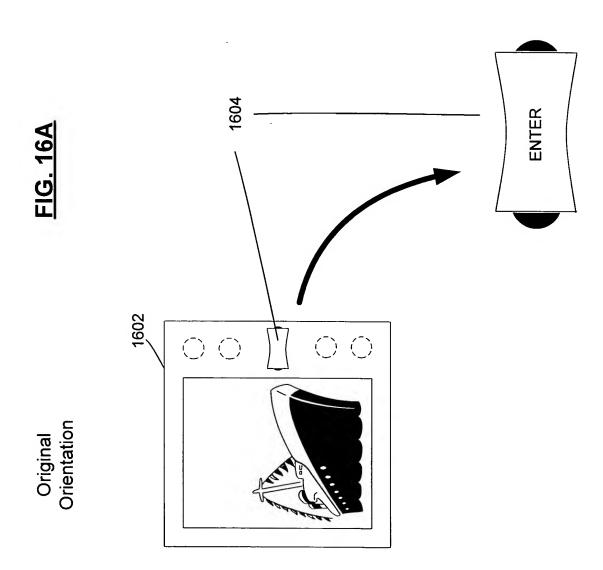
Logical			
Button	Activation	Event	Keyboard
SDB	Roll Up	a D	Up (arrow)
SDB	Roll Down	DOWN	Down (arrow)
SDB	Rock Left	PREV	At-Tab
SDB	Rock Right	NEXT	Tab
SDB	Press (Click)	ENTER	Enter
Button A	Press	SWITCH	Alt-Esc
Button B	Press	5	Back/Esc
Button C	Press	ENTER	Enter
Button D	Press	MORE	Shift-F10

Docket No.: MSFT-3472 / 304032.02

App. No.: Not yet assigned Filed: Herewith
Title: SYSTEMS AND METHODS FOR INTERFACING WITH COMPUTER DEVICES
Inventors: Eric Justin Gould Bear, William Hong Vong, Leroy
Bertrand Keety, Barbee Eve
Teasley, Adam John Richardson, and Michael H. Tsang
Attorney: Richard W. Knight Phone: (215) 568-3100

Sheet 18 of 27





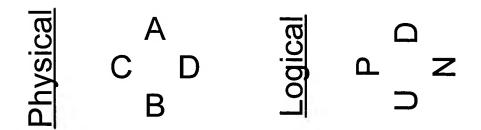
Docket No.: MSFT-3472 / 304032.02

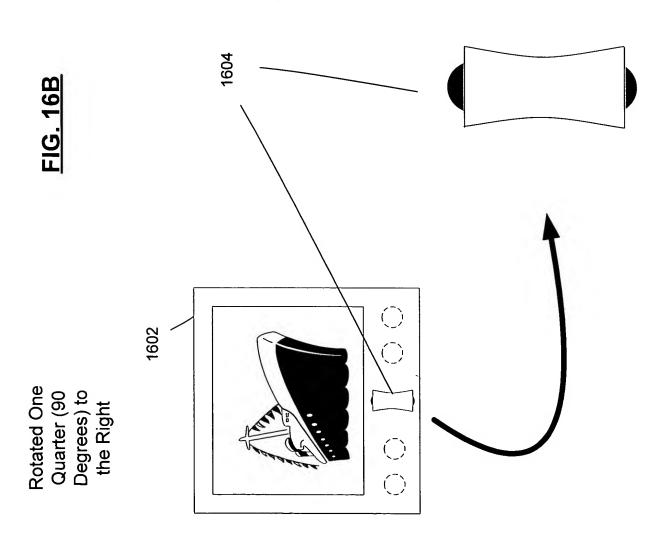
App. No.: Not yet assigned Filed: Herewith

Title: SYSTEMS AND METHODS FOR INTERFACING WITH COMPUTER DEVICES
Inventors: Eric Justin Gould Bear, William Hong Vong, Leroy Bertrand Keety, Barbee Eve
Teasley, Adam John Richardson, and Michael H. Tsang

Attorney: Richard W. Knight Phone: (215) 568-3100

Sheet 19 of 27





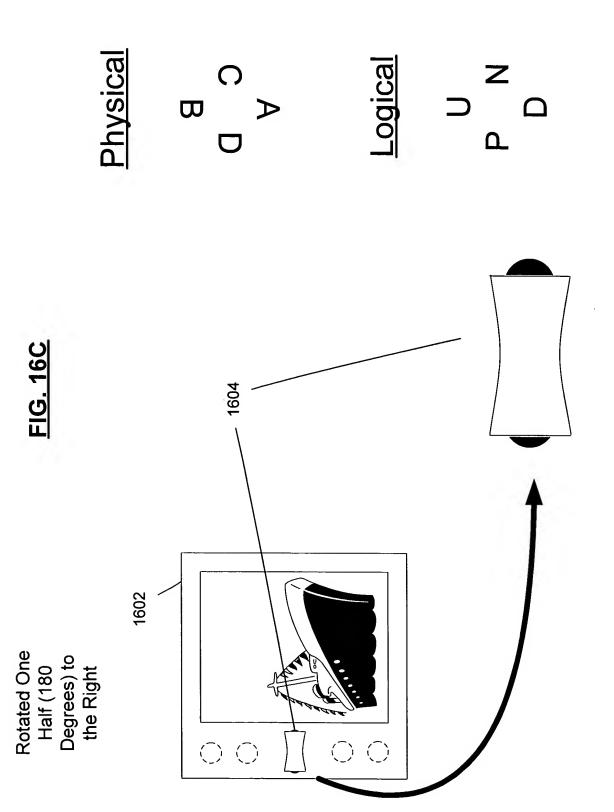
Docket No.: MSFT-3472 / 304032.02

App. No.: Not yet assigned Filed: Herewith

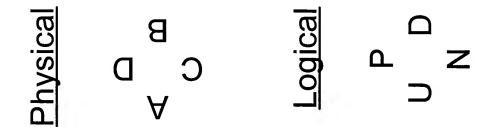
Title: SYSTEMS AND METHODS FOR INTERFACING WITH COMPUTER DEVICES
Inventors: Eric Justin Gould Bear, William Hong Vong, Leroy Bertrand Keely, Barbee Eve
Teasley, Adam John Richardson, and Michael H. Tsang

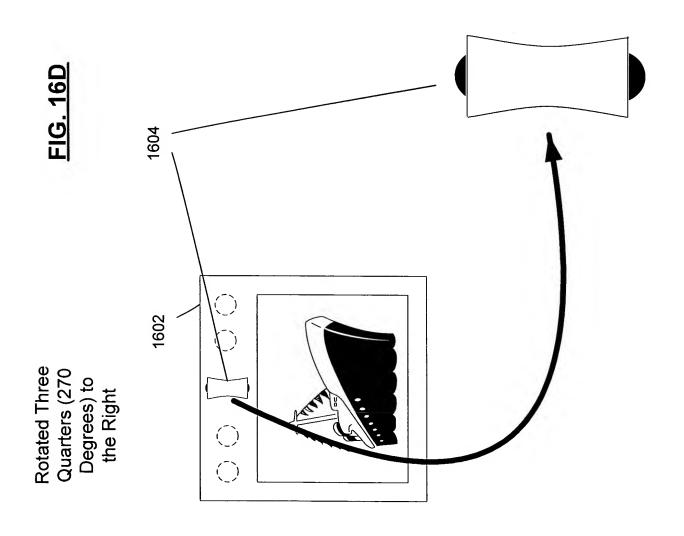
Attomey: Richard W. Knight Phone: (215) 568-3100

Sheet 20 of 27



Docket No.: MSFT-3472 / 304032.02
App. No.: Not yet assigned Filed: Herewith
Title: SYSTEMS AND METHODS FOR INTERFACING WITH COMPUTER DEVICES
Inventors: Eric Justin Gould Bear, William Hong Vong, Leroy Bertrand Keely, Barbee Eve
Teasley, Adam John Richardson, and Michael H. Tsang
Attorney: Richard W. Knight Phone: (215) 568-3100
Sheet 21 of 27





Docket No.: MSFT-3472 / 304032.02

App. No.: Not yet assigned Filed: Herewith
Title: SYSTEMS AND METHODS FOR INTERFACING WITH COMPUTER DEVICES
Inventors: Eric Justin Gould Bear, William Hong Vong, Leroy Bertrand Keely, Barbee Eve
Teasley, Adam John Richardson, and Michael H. Tsang
Attorney: Richard W. Knight Phone: (215) 568-3100

Sheet 22 of 27

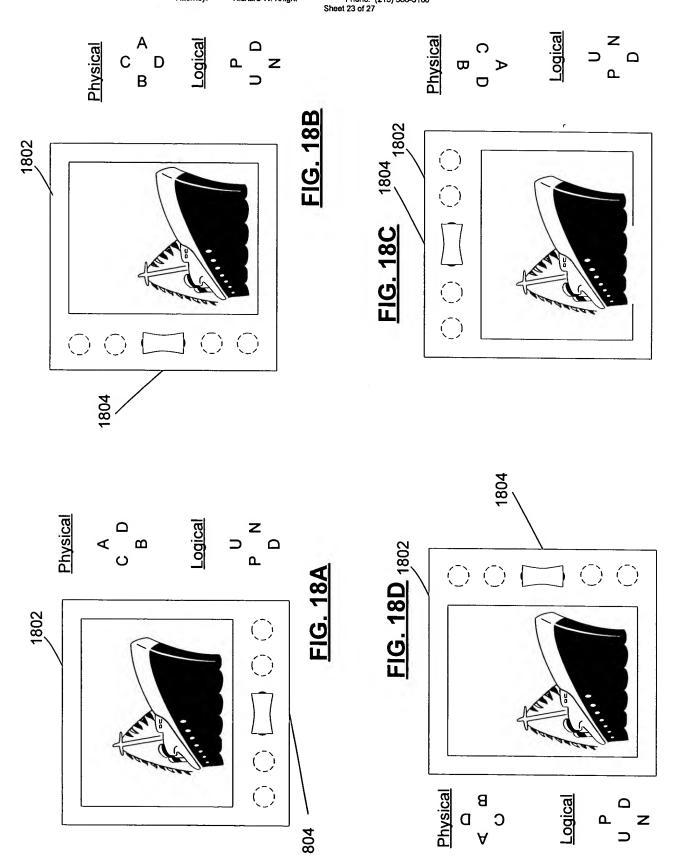
Physical) ह्यां	Inentation	Logical Orientation Based on Rotation	Rotation
Orientation:	Original	90-deg	180-deg 270-deg	270-deg
A	N	Q	Q	n
Δ	۵	Þ	⊃	۵
ပ	۵	۵	Z	Z
Ω	Z	Z	۵	۵
			•	

Docket No.: MSFT-3472 / 304032.02

App. No.: Not yet assigned Filed: Herewith

Title: SYSTEMS AND METHODS FOR INTERFACING WITH COMPUTER DEVICES
Inventors: Eric Justin Gould Bear, William Hong Vong, Leroy Bertrand Keely, Barbee Eve
Teasley, Adam John Richardson, and Michael H. Tsang
Attorney: Richard W. Knight Phone: (215) 568-3100

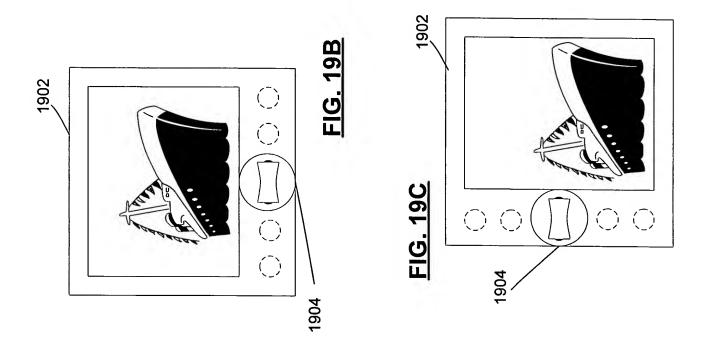
Sheet 23 of 27

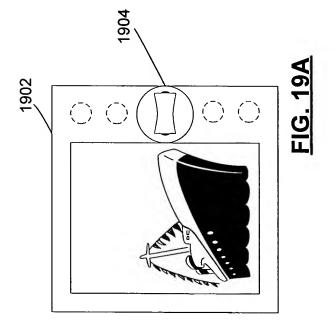


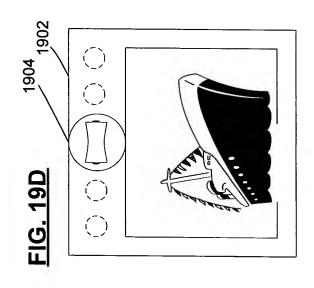
Docket No.: MSFT-3472 / 304032.02

App. No.: Not yet assigned Filed: Herewith
Title: SYSTEMS AND METHODS FOR INTERFACING WITH COMPUTER DEVICES
Inventors: Eric Justin Gould Bear, William Hong Vong, Leroy Bertrand Keely, Barbee Eve
Teasley, Adam John Richardson, and Michael H. Tsang
Attorney: Richard W. Knight Phone: (215) 568-3100

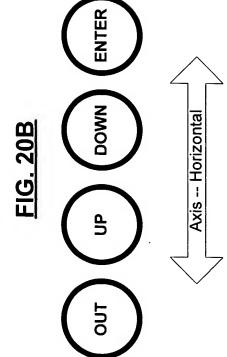
Sheet 24 of 27

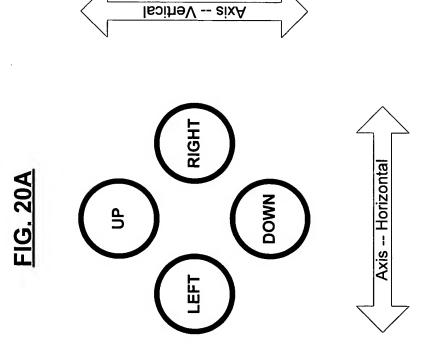






Docket No.: MSFT-3472 / 304032.02
App. No.: Not yet assigned Filed: Herewith
Title: SYSTEMS AND METHODS FOR INTERFACING WITH COMPUTER DEVICES
Inventors: Eric Justin Gould Bear, William Hong Vong, Leroy Bertrand Keely, Barbee Eve
Teasley, Adam John Richardson, and Michael H. Tsang
Attorney: Richard W. Knight Phone: (215) 568-3100
Sheet 25 of 27

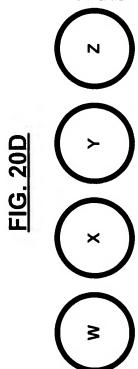


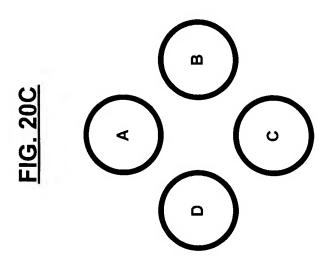


Docket No.: MSFT-3472 / 304032.02

App. No.: Not yet assigned Filed: Herewith
Title: SYSTEMS AND METHODS FOR INTERFACING WITH COMPUTER DEVICES
Inventors: Eric Justin Gould Bear, William Hong Vong, Leroy Bertrand Keely, Barbee Eve
Teasley, Adam John Richardson, and Michael H. Tsang
Attorney: Richard W. Knight Phone: (215) 568-3100

Sheet 26 of 27





Docket No.: MSFT-3472 / 304032.02

App. No.: Not yet assigned Filed: Herewith
Title: SYSTEMS AND METHODS FOR INTERFACING WITH COMPUTER DEVICES
Inventors: Eric Justin Gould Bear, William Hong Vong, Leroy Bertrand Keely, Barbee Eve
Teasley, Adam John Richardson, and Michael H. Tsang
Attorney: Richard W. Knight Phone: (215) 568-3100

Sheet 27 of 27 빌 SE Z S SW ≥